



# Tarun Singh

Senior Quality Assurance Engineer

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## ABOUT

A result oriented professional having 2.5 years of experience with proven success in Product & Process Quality Assurance. Proven ability to enhance operational effectiveness and meet operational goals with cost, time & quality.

## PROFESSIONAL EXPERIENCE

**SKH Y-TEC India Pvt. Ltd. (Krishna Group), Ahmedabad , Gujarat, India**

**Designation : Working as Senior Engineer in Quality Assurance**

**(Weld Shop-BIW)**

**Duration : Dec-2019 to Present**

SKH Y-Tec India Pvt Ltd is a joint venture of SKH Group and Y-Tec Group and is the Leading Manufacturer of Body & Chassis System and Tier-1 Supplier for SUZUKI MOTORS GUJARAT. SKH Y-Tec supplies sheet metal welded assemblies like:-

- Member Comp, Front side (BIW Part)
- Panel comp, Cowl upper (BIW Part)
- Suspension Frame (Chassis Assembly)
- Suspension Arm

## WORKING KNOWLEDGE

Product & Process Quality Improvement	Layout Inspection	Robots required for new line setup calculation
Product & Process Audits	MIS Preparation	Spot & MIG welding
7 QC Tools & 8D Methodology	CTQ Identification	FANUC & YASKAWA Robot (Basics & Troubleshooting)
Reading of Assembly drawings	Kaizen	Welding Jig /Fixture modifications
CAPA Preparation	Monthly Rejection & PPM Analysis	Pin Size calculations for C/F & Welding Fixture
Core Tools (APQP, PPAP, MSA, SPC, FMEA)	PDI & IFM Defect Monitoring	OEE Calculation
ECN Implementation	WIS & OPS Preparation	SAP
Cp/Cpk & Pp/Ppk Analysis	PY Implementation	MS Office
SPR & COPQ Analysis	IATF 16949	
4M Change Management	VSA Audit	

## EDUCATIONAL QUALIFICATION

YEAR OF PASSING	EXAMINATION	UNIVERSITY/BOARD/INSTITUTE	% OR CGPA
2019	B.Tech (Mechanical)	Abdul Kalam Technical University	67 %
2015	Intermediate (12 <sup>th</sup> )	CBSE Board, New Delhi	73.20 %
2012	High School (10 <sup>th</sup> )	CBSE Board, New Delhi	8.4 CGPA

## **ROLES & RESPONSIBILITIES**

### **Process and Product Quality Control:**

- Responsible for the improvements in the Process to reduce Customer Complaints.
- Daily feedback analysis for the Non-Conformities of assembly lines for MIG & SPOT Welding.
- Analysis and reducing repeated defects with the use of QC Tools.
- Reduce Process defects with the use of QC Tools.
- Identifying high rejection and rework station and their root cause analysis.
- Follow-up of Corrective and Preventive action implementations.
- Monitoring of assemblies by checking and verifying FOA/MOA/LOA for line running approval.
- Freezing Limit samples as per accuracy achieved and fitment at customer level.
- Daily MIS Preparation.
- Quality Monitoring through CPK/PPK and PPM levels.
- Ensuring effectiveness of Poka-Yoke and Kaizen.
- Interaction with customers for new product activities and for quality approval of new products.
- Solving & recording the line problem & problem reported at Customer end and submitting countermeasure report to customer by providing CAPA.
- Conducting successful PP,MPT,PPVT, SOP Trials
- Using PDCA Cycle for Continual Improvement in Product Quality.
- Line Layout modification, Development/Improvement in jigs and Fixtures.
- Layout Inspection of parts and its Accuracy Improvement.

### **Process/Product Audit:**

- Product & Process Auditing as per PCS and MIS-P.
- Checking effectiveness of Countermeasures for Customer Complaint and In-house Defects.

### **Customer Relationship Management:**

- Managing customer centric operations & ensuring customer satisfaction by achieving delivery & service quality norms.
- Attending Customer complaints and undertaking steps for effectively resolving them. Interacting with the customers to gather their feedback regarding the product satisfaction.
- Reducing customer complaints and repeated defects at customer's end.

## **PROJECTS**

### **1. Panel Comp, Front Pillar Inner (YTA-BIW)**

**OCT 2021 – JAN 2022**

#### **Spot Welding**

**Client: SMG (Suzuki Motors Gujarat)**

**Domain: BIW (Body in White) Part of car**

- Verification of Assembly parts in C/F as per accuracy report and fitment.
- Designed process layout by ERGONOMICS
- Improvement in stamping parts for achieving accuracy at weld level.
- Preparation of PCS, MIS-P, WIS, OPS, Poka-Yoke sheet
- Part Maturation according to specification
- Weld-up down trial
- Improving & Validating the Cycle time v/s Takt time provided by customer.

## **ACHIEVEMENTS AND ACTIVITIES**

- Completed two Projects in welding:-
  1. SPOT (YTA-BIW PANEL COMP, FRONT PILLAR) in SKH-YEC India Pvt. Ltd.
  2. SPOT (YTA-BIW PANEL COMP, COWL UPPER) in SKH-YEC India Pvt. Ltd.
- **Certification in “Lean Six Sigma Green Belt”**
- **Appreciation Certification for “ Extra ordinary efforts for manufacturing of Oxygen Plant(PSA)”**
- **Achieved Zero defect at Customer end from last 18 Months (Jul 2020 – Present)**

## **PERSONAL DETAILS**

- Date of Birth: 02<sup>ND</sup> NOV.-1997
- Gender: Male
- Nationality: Indian
- Marital Status: Single
- Language known: English & Hindi

## **DECLARATION**

I do hereby declare that the particulars furnished above are true and correct to the best of my knowledge and belief.